

Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-077

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25171	ION	775	6779	8/8/07	8/8/08	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
28299	Simco	Aerosol PC	33674246T	6-17-08	11-7-08	JPL 36
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Hinh Do	317/210-TBI	John Maciejewski	N	N	N	08-054

VERIFICATION DATA						
HBM Sensitivity Level: <u>50V</u> (from Table 1)						
Fan controller setting: <u>High</u> (High, Low, NA)						
Distance of ionizer from the charge plate: <u>30"</u>						
Ionizer Float Potential Tolerance \pm <u>50</u> Vdc. (from Table 1)						
Measured Float Potential values recorded below.						
1 10 Vdc.	2 10 Vdc.	3 0 Vdc.	4 10 Vdc.	5 10 Vdc.	Comments:	
Ionizer Discharge Voltage Range: \pm 1000 Vdc to $< \pm$ <u>50</u> Vdc (from Table 1)						
Ionizer Discharge Time Tolerance: <u>< 20</u> seconds. (from Table 1)						
Measured Discharge Time in second(s) and recorded values below.						
1 (+1000 to +Vdc) 5.1 sec	2 (+1000 to +Vdc) 5.5 sec	3 (+1000 to +Vdc) 5.5 sec	4 (+1000 to +Vdc) 5.4 sec	5 (+1000 to +Vdc) 5.3 sec	Comments:	
1 (-1000 to -Vdc) 6.3 sec	2 (-1000 to -Vdc) 6.5 sec	3 (-1000 to -Vdc) 6.4 sec	4 (-1000 to -Vdc) 6.5 sec	5 (-1000 to -Vdc) 6.4 sec	Comments:	

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.